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BANGALORE UNIVERSITY
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JNANA BHARATHI
BANGALORE - 560 056

BUB/CTE/2015-16/ **Date: 11-05-2015**

TEST REPORT ON WET MIX MACADAM MIX

(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Improvements to Defence Layout roads in Ward No.09, Vidyaranyapura}

Ref.: Letter No. Testing/BUB/2015-16, dated 09-05-2015

Sample supplied to lab by: Sri.R.Harish, Contractor,
Bangalore.

Report required for: Assistant Executive Engineer,
Vidyaranyapura Sub-Division.
BBMP, Bangalore.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53.00	**100.00**	100
45.00	**96.30**	95-100
26.50	**---**	-
22.40	**74.00**	60-80
11.20	**47.30**	40-60
4.75	**36.00**	25-40
2.36	**25.00**	15-30
0.600	**18.40**	8-22
0.075	**4.00**	0-8

*As furnished by Client.
The Results relate only to the items tested.

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JNANA BHARATHI
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BUB/CTE/2015/16

Date: 22-05-2015

1. Bituminous Concrete.

Sub: Testing of Bitumen Premix Sample.
{Project*: Improvements to Defence Layout roads in Ward No.09, Vidyaranyapura}

Ref.: Letter No. Testing/BUB/2015-16, dated 20-05-2015

Sample supplied to lab by: Sri.R.Harish, Contractor,
Bangalore.

Report required for: Assistant Executive Engineer,
Vidyaranyapura Sub-Division.
BBMP, Bangalore.

A. Type of Construction: **Bituminous Concrete.**

1. The bitumen content obtained after subjecting the sample for Bitumen Extraction test = **5.60 %.**

2. Gradation Test

TABLE 1.1

Sieve Size, mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Gradation requirement as per Table 500-18 of MORTH Specfications-2001 BC (Grading – 2)
19.0	**100**	100
13.2	**94.30**	79-100
9.5	**74.00**	70-88
4.75	**58.00**	53-71
2.36	**49.00**	42-58
1.18	**39.00**	34-48
0.600	**31.50**	26-38
0.300	**25.60.**	18-28
0.150	**18.00**	12-20
0.075	**5.80**	4-10

Note: * As furnished by Client.
The Results relate only to the items tested.

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